

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1700' FNL, 1080' FEL, Sec. 12, T-29-N, R-7-W, NMPM, Rio Arriba County

API # (assigned by OCD)

30-039-25849

5. Lease Number

Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name

San Juan 29-7 Unit

8. Well No.

161

9. Pool Name or Wildcat

Blanco Pictured Cliffs

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure.



SIGNATURE *Reggie Case* (MR7) Regulatory Supervisor January 2, 2003

no
(This space for State Use)

Approved by *Charlie T. Lerrin* Title DEPUTY OIL & GAS INSPECTOR, DIST. 03 Date JAN - 6 2003

San Juan 29-7 Unit #161
Pictured Cliffs
1700' FNL & 1080' FEL,
Unit H, Section 12, T29N, R7W
Latitude 36°7' / Longitude: -107°5'
AIN: 6457201
PLUG AND ABANDONMENT PROCEDURE 8/1/2002

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all BLM, NMOC and BROGC safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOOH and stand back 2-3/8", 4.7#, J-55 tubing (106 joints set at 3311'). Round trip 4-1/2" gauge ring or casing scraper to 3220'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 2926' – 3220')**: Set a 4-1/2" wireline CIBP at 3220'. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test then spot or tag additional plugs as necessary. Mix 23 sxs cement and spot a balanced plug inside casing above the CIBP to isolate Pictured Cliffs perforations. PUH to 2525'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 2209' – 2525')**: Mix 24 sxs cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 936'.
5. **Plug #3 (Nacimiento top, 836' – 936')**: Mix 10 sxs cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH to 269'.
6. **Plug #4 (7" surface casing, 269' – Surface)**: Attempt to pump into bradenhead, up to 300#. If able to establish rate, then perforate at 269' and circulate cement to surface. If bradenhead holds pressure, then fill inside of casing from 269 to surface with approximately 20 sxs. TOH and LD tubing.
7. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

Matt Roberts 8/22/02
Operations Engineer

Approved:

Bruce D. Bony 8-22-02
Drilling Superintendent

Matt Roberts Office - 599-4098
Cell - 320-2739

Sundry Required:

☒ YES ☐ NO

Approved:

Benny Calk 1-2-03
Regulatory

Lease Operator: Matt Crane
Specialist: Gabe Archibeque
Foreman: Bruce Voiles

Cell: 320-1400 Pager: 327-8369
Cell: 320-2478 Pager: 326-8256
Cell: 320-2448 Pager: 327-8937

MBR/slm

SAN JUAN 29-7 UNIT 161

WellView - Schematic

Asset ID Number 6457200	Property Number 007986534	Operator BURLINGTON RESOURCES O&G CO LP	County RIO ARRIBA	State NM
KB Elev (ft) 6378.00	Ground Elev (ft) 6368.00	KB-Ground Distance (ft) 10.00	Plug Back Total Depth (ftKB) 10.00	
Spud Date 7/9/98	Surface Legal Location Sect: 012, Twp: 029N, Rg: 007W, Poly: H, NMPM	NS Dist. (ft) 1080.0	NS Flag FEL	EW Dist. (ft) 1700.0
			EW Flag FNL	Latitude (DMS) 36° 44' 35.844" N
				Longitude (DMS) 107° 31' 2.712" W

Schematic

Main hole: 12/31/02 (KB-Grd: 10.0ft)

ftKB (MD)	Schematic - Actual	Schematic - Proposed	Geology
10			
218			
219			
223			
269			
836			
886			Nacimiento, 886.0
936			
2209			
2259			Ojo Alamo, 2,259.0
2475			Kirtland, 2,475.0
2476			
2525			
2857			
2858	Main hole; 6 3/4, 10.0-223.0		
2859			
2926	Surface, 7/in, 20.00lbs/ft, J-55, 218.8ftKB	Surface, 7/in, 20.00lbs/ft, J-55, 218.8ftKB	
2976			
3001	Surface Cement, 10.0-223.0, Circulated 3 bbls to surface.	Surface Cement, 10.0-223.0, Circulated 3 bbls to surface.	Fruitland, 2,976.0
3139			
3203	Tubing, 2 3/8, 10.0-3,289.0	Cement plug, 10.0-3,69.0, (20 sxs)	
3220			
3224	Main hole, 6 1/4, 223.0-3,590.0	Cement plug, 836.0-858.0, (10 sxs)	
3240			
3245	Prod Cmt (Stg 2), 10.0-2,858.0, Circulated 20 bbls to surface.	Cement plug, 2,205.0-2,525.0, (24 sxs)	Pictured Cliffs, 3,245.0
3247			
3254	Perf, 3,139.0-3,203.0		
3289		Prod Cmt (Stg 2), 10.0-2,858.0, Circulated 20 bbls to surface.	
3290	Cement squeeze, 3,139.0-3,203.0		
3311		Cement squeeze, 3,139.0-3,203.0	
3321	Perf, 3,247.0-3,321.0		
3377		Cement plug, 2,925.0-3,220.0, (23 sxs)	
3430	Sealing Nipple, 2 3/8, 3,289.0-3,290.0		Lewis, 3,377.0
3580			
3582	Tubing, 2 3/8, 3,290.0-3,311.0	CBP, 3,220.0	
3583			
3590	Production, 4 1/2in, 10.50lbs/ft, J-55, 3,582.8ftKB Plugback, 3,580.0-3,590.0 Prod Cmt (Stg 1), 2,858.0-3,590.0, Circulated 8 bbls to surface.	Production, 4 1/2in, 10.50lbs/ft, J-55, 3,582.8ftKB Plugback, 3,580.0-3,590.0 Prod Cmt (Stg 1), 2,858.0-3,590.0, Circulated 8 bbls to surface.	